

FIG 1a

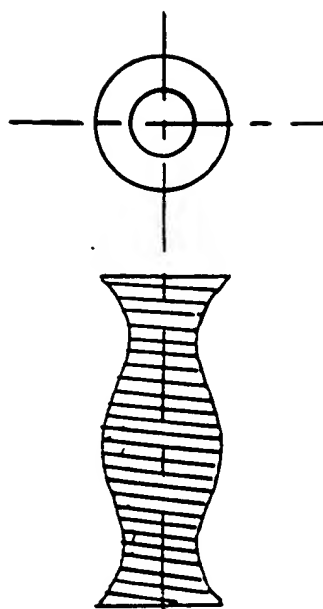


FIG 1b

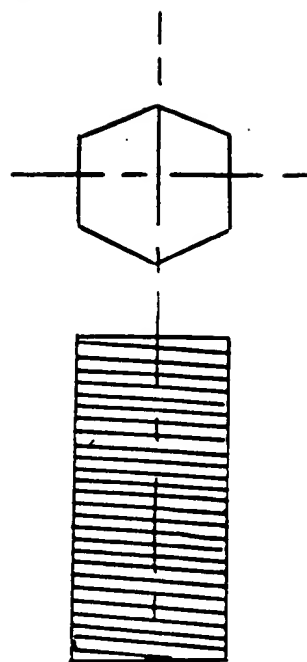


FIG 2a

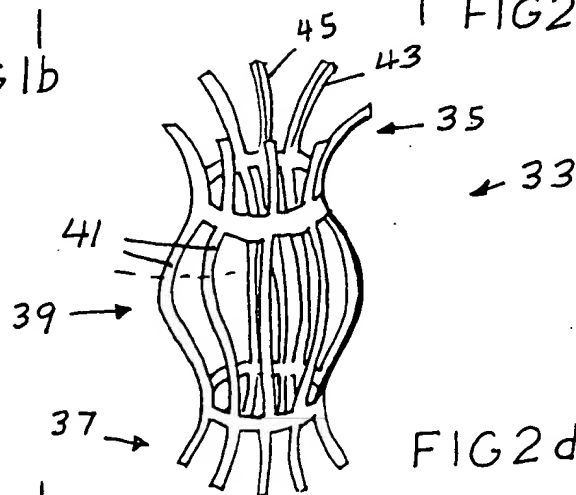


FIG 2d

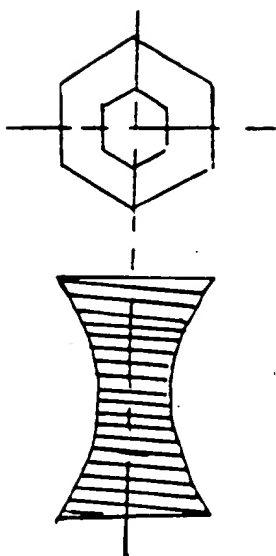


FIG 2b

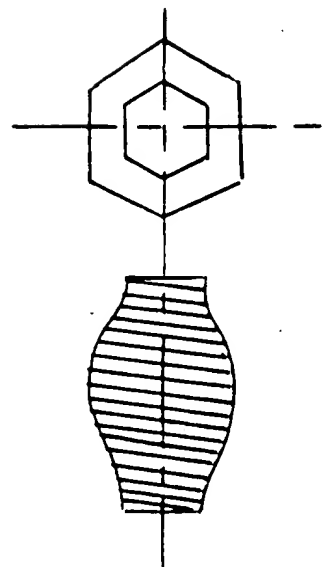


FIG 2c

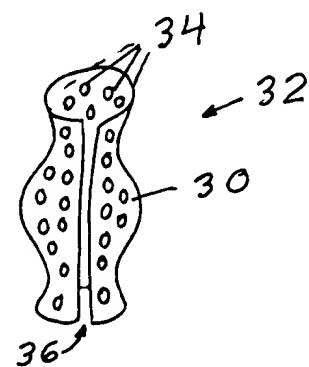


FIG 3

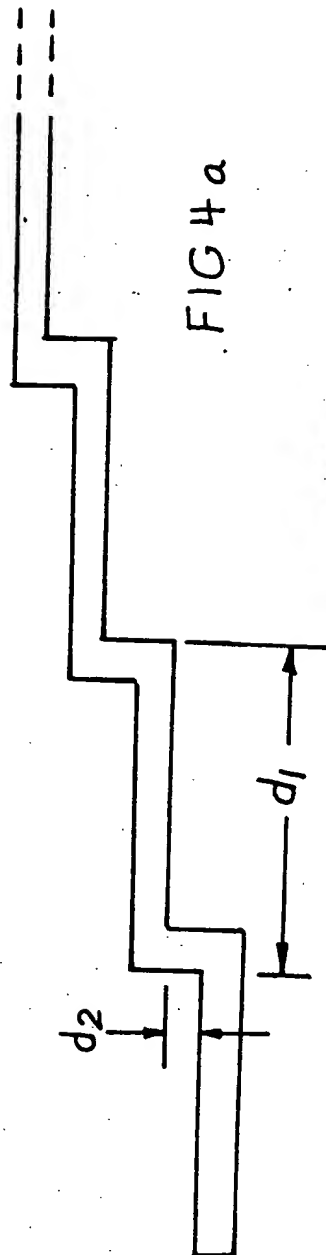


FIG 4a



FIG 4c

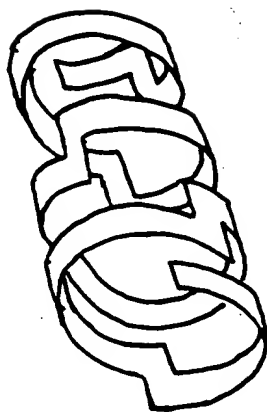
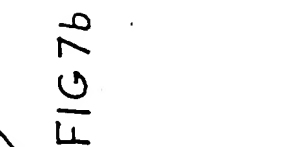
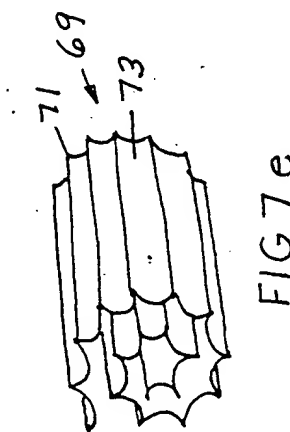
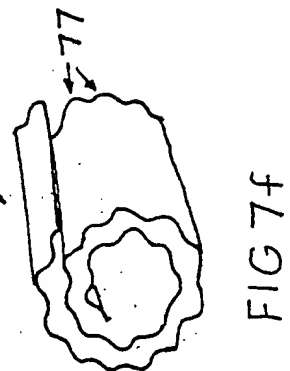
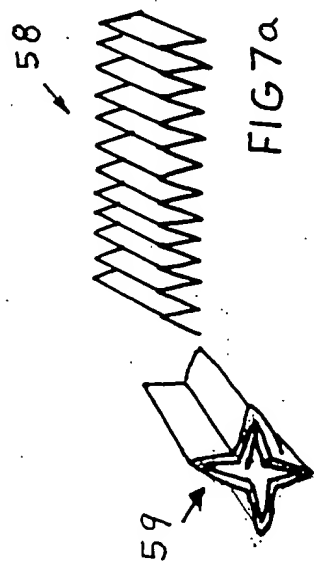
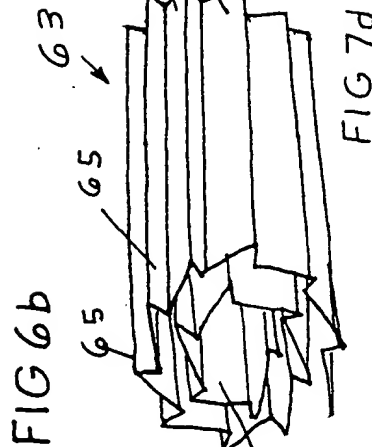
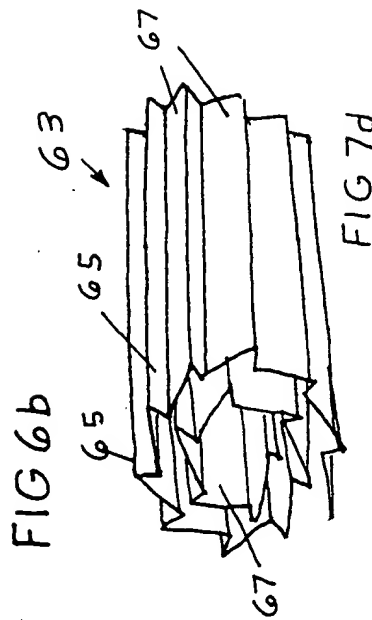
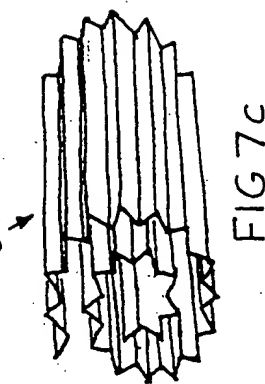
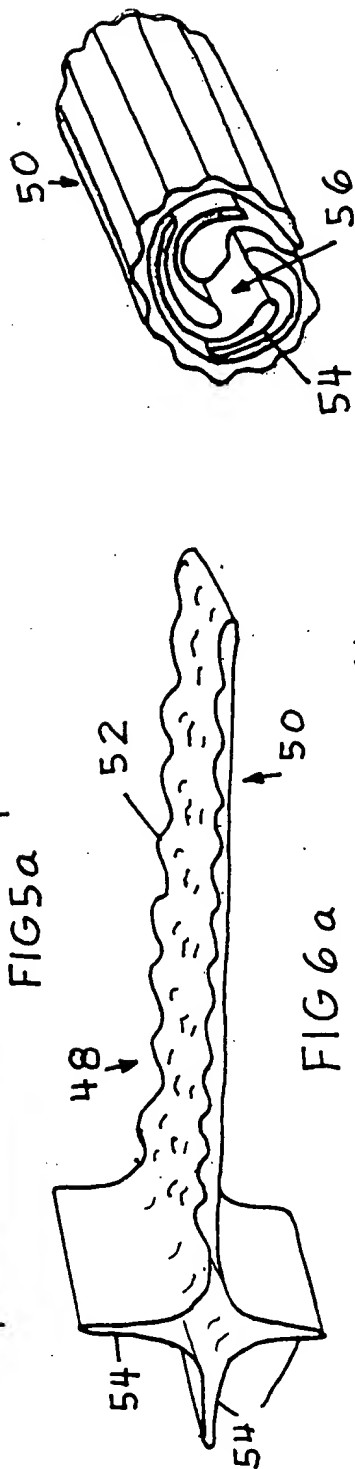
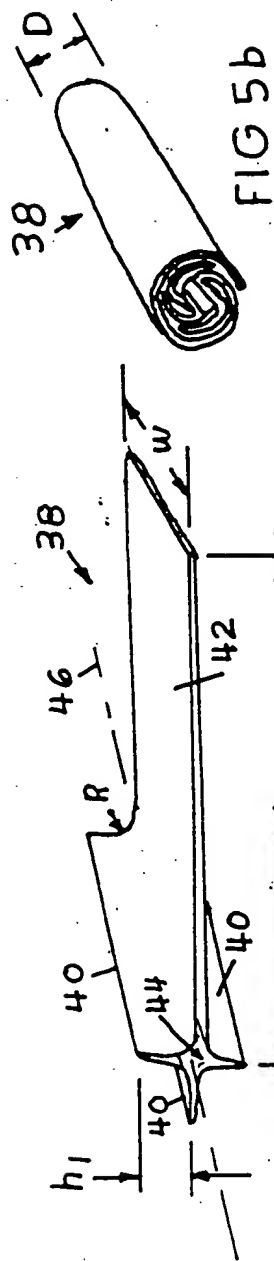


FIG 4b



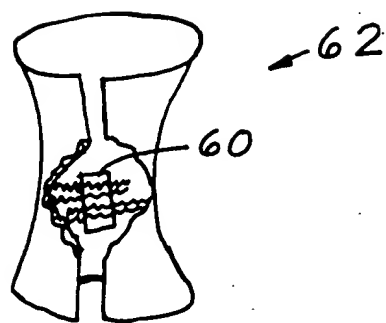
[illegible]

FIG 8

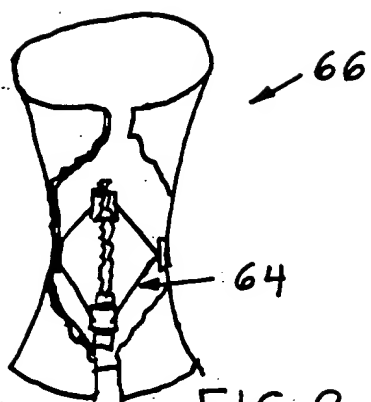


FIG 9

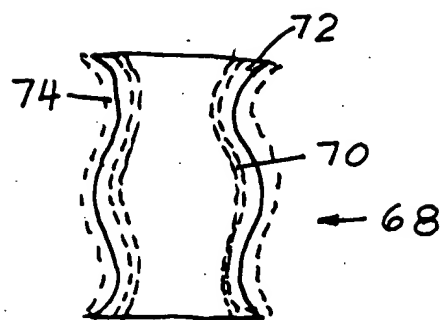


FIG 10

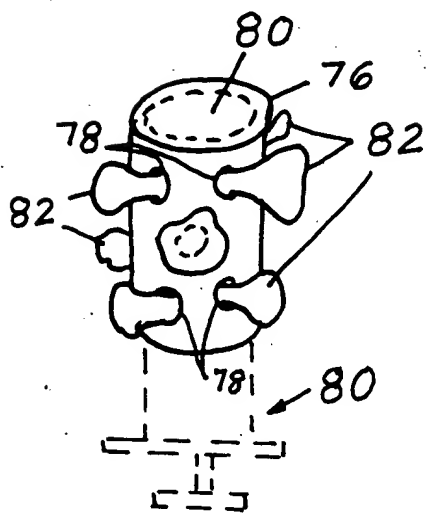


FIG 15

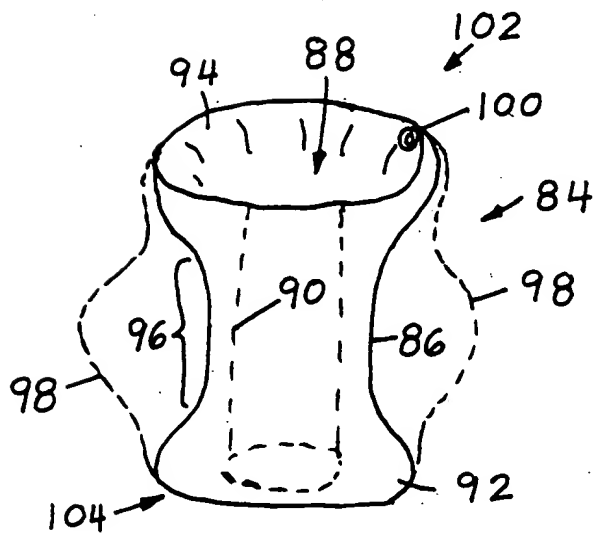


FIG 16

BIO-ABSORBABLE /BIODEGRADABLE MATERIALS (POLYMERS)

Key to Material Composition:

- DLPLA ----- poly(dl-lactide)
- LPLA ----- poly(l-lactide)
- PGA ----- polyglycolide
- PDO ----- poly(dioxanone)
- PGA-TMC ----- poly(glycolide-co-trimethylene carbonate)
- PGA-LPLA ----- poly(l-lactide-co-glycolide)
- PGA-DLPLA ----- poly(dl-lactide-co-glycolide)
- LPLA-DLPLA ----- poly(l-lactide-co-dl-lactide)
- PDO-PGA-TMC ----- poly(glycolide-co-trimethylene carbonate-co-dioxanone)
- PLC ----- poly-e-caprolactone
- polyactive polymer
- any combination of the above materials

FIG. 11

ANTI-MICROBIAL AND PHARMACEUTICAL DRUG COATINGS

- Silver-oxide
- Silver chloride
- Hydrogel
- Ciprofloxacin
- Antibiotics & anti-inflammatory agents
- Radiopaque compounds/materials
- Barium sulfate
- Bismuth

FIG. 12

RECOMMENDED COATING FOR LUBRICITY

- Teflon
- Silicon
- Hydrogel
- Gold/Silver
- Polymers

FIG. 13

RECOMMENDED DRUGS / PHARMACEUTICALS AND BIOLOGICALS FOR SITE SPECIFIC DELIVERY METHODS

- Therapeutic Agents
- Pharmaceutical Drugs
- Antibiotics & Anti-inflammatory Active Agents
- Genes, Vectors, Vaccines, Virus & Other Biological Agents
- Cancer Treatment Drugs & Other Chemo-Agents
- Radioactive Isotopes

FIG. 14

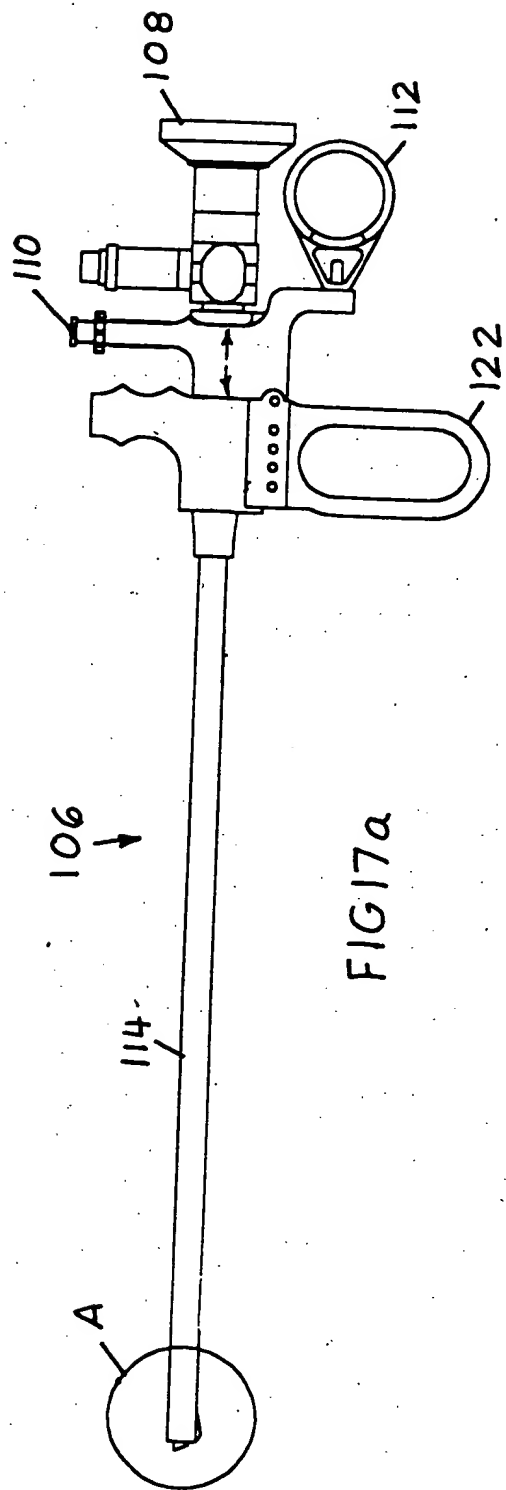
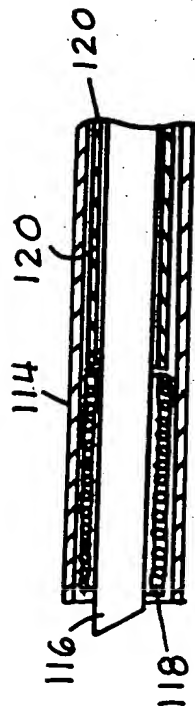


FIG 17a



Section A
FIG 17b

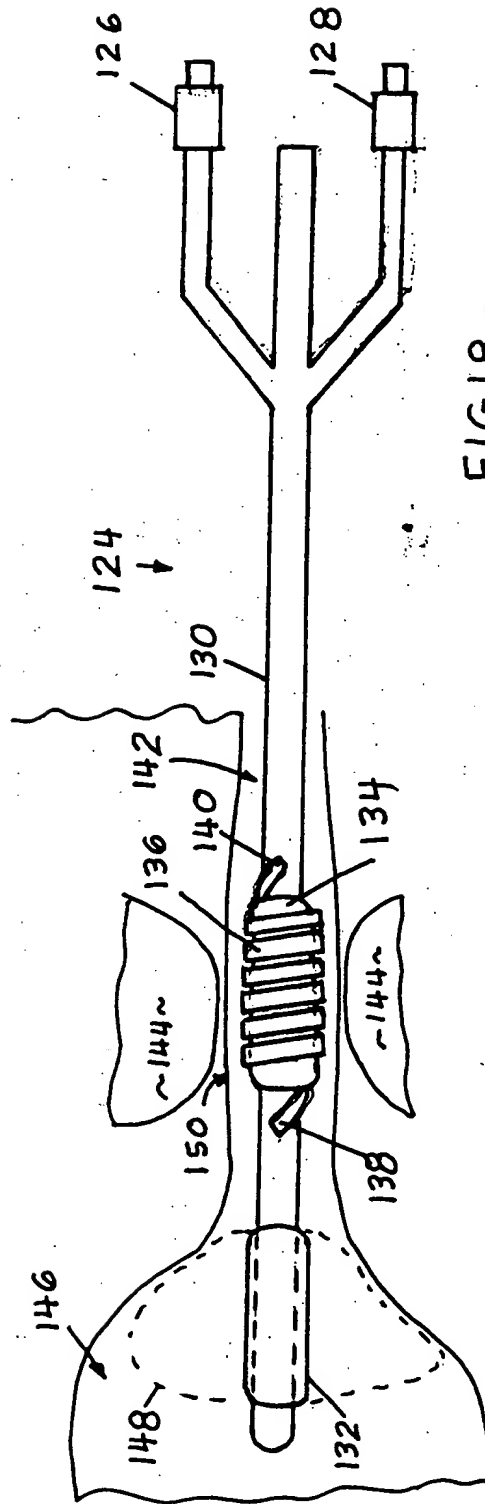


FIG18

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